

Converting Colors

XYZ(70.2526, 60.1322, 59.0956)

Have a look what the booklet for
XYZ(70.2526, 60.1322, 59.0956)
contains.

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Color

**XYZ(67.9111, 59.0220,
58.8520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB7C2 |
| RGB | 255, 183, 194 |
| RGB Percent | 100%, 72%, 76% |
| CMY | 0.0000, 0.2823, 0.2392 |
| CMYK | 0.00, 0.28, 0.24, 0.00 |
| HSL | 351°, 100%, 86% |
| HSV | 351°, 28%, 100% |
| XYZ | 67.9111, 59.0220, 58.8520 |
| YIQ | 205.7820, 39.3810, 18.6850 |

Conversions

Conversions Part 2

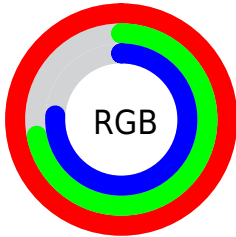
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 183, 194 |
| Decimal | 16758722 |
| CIE _{Lab} | 81.30, 27.58, 4.85 |
| CIE _{LCh} | 81, 28.007, 9.970 |
| Yxy | 59.0220, 0.3655, 0.3177 |
| Android (android.graphics.Color) | 4294948802 (0xFFFFB7C2) |
| YUV | 205.7820, -5.8085, 43.1642 |
| Hunter-Lab | 76.8258, 23.3422, 8.3592 |

Details

The XYZ color **67.9111, 59.0220, 58.8520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6198, 88.1200, 98.8260**, and the grayscale version is **58.5464, 61.5954, 67.0774**.

A 20% lighter version of the original color is **89.3618, 89.8951, 103.0841**, and **35.6098, 29.4643, 28.6213** is the 20% darker color. If you saturate the color by 10%, you get **60.8673, 48.5394, 45.3902**, and if you desaturate by 10%, it is **76.2634, 71.5566, 74.4919**.

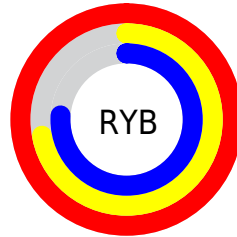
Distribution



Red (100%)

Green (72%)

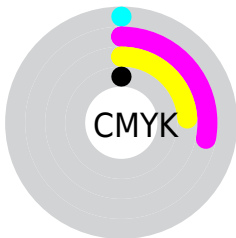
Blue (76%)



Red (100%)

Yellow (72%)

Blue (76%)

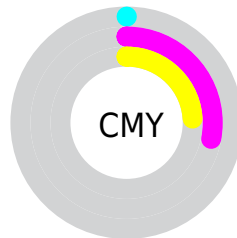


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9111, 59.0220, 58.8520 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.9111, 59.0220, 58.8520 by changing the saturation by 10% instead.


 67.9111, 59.0220,
58.8520

 67.9111, 59.0220,
58.8520

442.5626,
420.9834, 438.0398

 50.0988, 42.6308,
42.0748


 115.2676,
103.4096, 104.6895

 35.7100, 29.5956,
28.8338


145.5425,
132.1749, 134.5869

 24.3794, 19.5318,
18.7107


180.7023,
165.8336, 169.6948

 15.7416, 12.0552,
11.2867

221.1124,
204.7703, 210.4316

 9.4311, 6.7813,
6.1434

267.1381,
249.3692, 257.2160

 5.0828, 3.3257,
2.8623

319.1448,

 2.3312, 1.3040,

300.0147, 310.4665

1.0248

377.4979,
357.0914, 370.6016

■ 0.8106, 0.1443,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9111, 59.0220,
58.8520

■ 67.9111, 59.0220,
58.8520

■ 60.8673, 48.5394,
45.3902

■ 76.2634, 71.5566,
74.4919

■ 55.0610, 39.9918,
34.0060

■ 85.9817, 86.2361,
92.3971

■ 50.4211, 33.2626,
24.5961

95.0500, 100.0000,
108.9000

■ 46.8673, 28.2196,
17.0469

■ 44.3090, 24.7122,
11.2330

■ 42.6403, 22.5632,
7.0133

■ 41.7206, 21.5305,
4.2196

■ 41.6053, 21.4061,
3.8535

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3334, 59.0220, 75.9311



67.9111, 59.0220, 58.8520



65.1597, 59.0220, 45.7273

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9111, 59.0220, 58.8520



49.1846, 59.0220, 42.6198



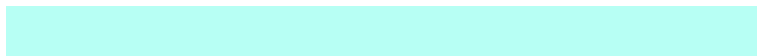
52.3368, 59.0220, 99.4944

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.9111, 59.0220, 58.8520



71.6198, 88.1200, 98.8260

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.9191, 59.0220, 87.2371



67.9111, 59.0220, 58.8520



46.1887, 59.0220, 53.8594

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9111, 59.0220, 58.8520



54.1753, 59.0220, 37.4918



45.7421, 59.0220, 70.0000



58.0670, 59.0220, 101.4621

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9111, 59.0220, 58.8520



61.9129, 59.0220, 40.2332



45.7421, 59.0220, 70.0000



50.6603, 59.0220, 96.3515

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.9125, 59.0247, 58.8532



86.2248, 86.6042, 92.8417



71.9473, 60.1444, 102.4247



18.1224, 18.0323, 19.2619



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9125, 59.0247, 58.8532



63.6942, 52.7346, 50.8294



72.1017, 69.3068, 54.3805



18.1224, 18.0323, 19.2619



21.7731, 11.1985, 2.1899



2.1515, 1.1030, 0.3791

Inverse Universe

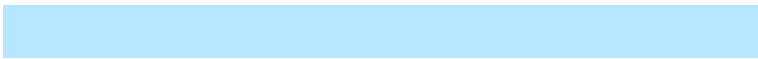
The Inverse Universe completely reimagines the original color for something new.



67.9125, 59.0247, 58.8532



63.6942, 52.7346, 50.8294



66.1564, 74.4410, 105.4895



18.1224, 18.0323, 19.2619



21.7731, 11.1985, 2.1899



2.1515, 1.1030, 0.3791

Previews

White Background



This preview shows how the XYZ color 67.9111, 59.0220, 58.8520 looks on a white background.

Color Contrast Check

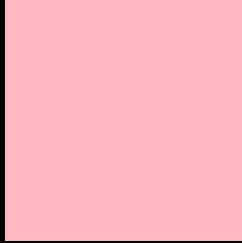
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.9111, 59.0220, 58.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9111, 59.0220, 58.8520

Background



This preview shows how black text looks on a background with the XYZ color 67.9111, 59.0220, 58.8520.



This preview shows how white text looks on a background with the XYZ color 67.9111, 59.0220,

58.8520.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.9111, 59.0220, 58.8520

Protanopia

56.9626, 59.1121, 65.5343

Deuteranopia

60.3936, 59.0047, 58.0751



Tritanopia

68.2515, 59.1582, 60.6447

Trichromacy



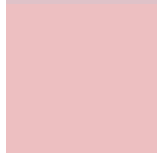
Original Color

67.9111, 59.0220, 58.8520



Protanomaly

60.1485, 58.4417, 62.7538



Deuteranomaly

63.1815, 59.1164, 58.5327



Tritanomaly

68.1373, 59.1125, 60.0432

Monochromacy



Original Color

67.9111, 59.0220, 58.8520



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.5952, 60.4997, 64.3083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9111, 59.0220, 58.8520 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.9111, 59.0220, 58.8520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 183, 194) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 183, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 183, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9111, 59.0220, 58.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
183, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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